

INTERNATIONAL SEARCH REPORT

International Application No
T/GB2004/002447

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12N15/82 C12N9/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, EMBASE, CHEM ABS Data, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 98/39462 A (CIBA GEIGY AG ; CROSSLAND LYLE DEAN (US); PASCAL ERICA (US); HARPER ST) 11 September 1998 (1998-09-11) the whole document -----	1-15
Y	WO 02/072804 A (BAYER CROPSCIENCE N V ; PUEHLER ALFRED (DE)) 19 September 2002 (2002-09-19) the whole document -----	1-15
Y	WO 01/29237 A (AVENTIS CROPSCIENCE N V) 26 April 2001 (2001-04-26) the whole document ----- -/-	1-15

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the International search

Date of mailing of the International search report

14 September 2004

28/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PILONE M S: "D-amino acid oxidase: new findings" CMLS CELLULAR AND MOLECULAR LIFE SCIENCES, BIRKHAUSER VERLAG, BASEL, CH, vol. 57, 2000, pages 1732-1747, XP002967442 ISSN: 1420-682X page 1744, left-hand column, paragraph 2 - page 1745, left-hand column, paragraph 1 -----	1-17
Y	SACCHI SILVIA ET AL: "Engineering the substrate specificity of D-amino-acid oxidase" JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 277, no. 30, 28 July 2002 (2002-07-28), pages 27510-27516, XP002295815 ISSN: 0021-9258 the whole document -----	1-17
P, X	WO 03/072792 A (HADFIELD STEPHEN THOMAS ; HAWKES TIMOTHY ROBERT (GB); THOMPSON PAUL AN) 4 September 2003 (2003-09-04) the whole document -----	1-17
P, Y	WO 03/060133 A (SWETREE TECHNOLOGIES AB ; ERIKSON OSKAR (SE); NAESHOLM TORGNY (SE); HE) 24 July 2003 (2003-07-24) the whole document -----	1-15
P, Y	ERIKSON OSKAR ET AL: "A conditional marker gene allowing both positive and negative selection in plants" NATURE BIOTECHNOLOGY, NATURE PUBLISHING, US, vol. 22, no. 4, April 2004 (2004-04), pages 455-458, XP002292188 ISSN: 1087-0156 the whole document -----	1-15

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PCT/GB2004/002447

Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:
 - a. type of material
 - a sequence listing
 - table(s) related to the sequence listing
 - b. format of material
 - in written format
 - in computer readable form
 - c. time of filing/furnishing
 - contained in the international application as filed
 - filed together with the international application in computer readable form
 - furnished subsequently to this Authority for the purpose of search
2. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

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Information on patent family members

International Application No

T/GB2004/002447

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
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			BR	9808824 A	04-07-2000
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			HU	0002390 A2	28-11-2000
			JP	2001512988 T	28-08-2001
			PL	336800 A1	17-07-2000
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			WO	02072804 A2	19-09-2002
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			AU	7920500 A	30-04-2001
			WO	0129237 A2	26-04-2001
WO 03072792	A	04-09-2003	WO	03072792 A2	04-09-2003
WO 03060133	A	24-07-2003	WO	03060133 A2	24-07-2003